

Post-Doctoral Opportunities on Molecular Modeling
Strachan Group
School of Materials Engineering, Purdue University

We are seeking to hire an outstanding candidate as a post-doctoral fellow to work on large-scale molecular dynamics of polymers and polymer composites. The project focuses on the characterization of the molecular mechanisms that govern the mechanical response of these materials. The successful candidate will work in the Strachan group and will have the opportunity to interact with experimentalists and theoreticians in academia, industry and national labs.

Qualifications. Candidates should have earned a doctorate in Materials Science and Engineering, Physics, Chemistry or in a related field. The successful candidate will have a strong background in molecular modeling and materials science and expertise in one or more programming languages. Experience in mechanical response of polymer and composite materials is desirable.

Application process. Applicants must provide a detailed resume of experience and qualifications, and must be prepared to provide at least three references upon request.

Applications from women and minorities are strongly encouraged. Applicants should submit the application materials electronically to: Prof. Alejandro Strachan, School of Materials Engineering, Email: strachan@purdue.edu. Evaluation of candidates will begin immediately, and will continue until the position is filled. The positions are available immediately.

Purdue University is an Equal Access/Equal Opportunity/Affirmative Action Employer.

Additional post-doctoral opportunities are available in the Strachan group in the areas of semiconductor modeling and MEMS.